2-671-938-**03** (1)

SONY

Tuner Base Unit

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

MB-X6

© 2005 Sony Corporation

Owner's Record

The model and serial numbers are located at the left side. Record the serial number in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No.MB-X6 Serial No._____

Important Safety Instructions

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
  When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

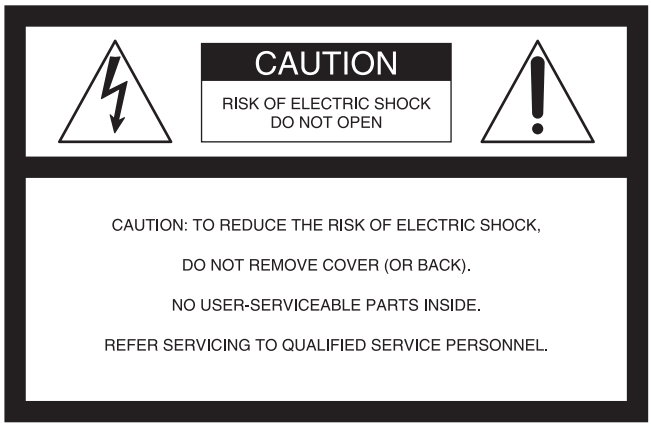
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

THIS APPARATUS MUST BE EARTHED.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

When installing the unit, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power plug to an easily accessible socket-outlet near the unit. If a fault should occur during operation of the unit, operate the disconnect device to switch the power supply off, or disconnect the power plug.

CAUTION
The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION
The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

For the customers in the U.S.A.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

All interface cables used to connect peripherals must be shielded in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For the customers in Canada
This Class B digital apparatus complies with Canadian ICES-003.

CE

For the customers in Europe
Hereby, Sony Corporation, declares that this MB-X6 is in compliance with the essential requirements and other relevant provisions of the Directive 1999/5/EC.
For details, please access the following URL:
http://www.compliance.sony.de/

Para clientes na Europa
Sony Corporation declara que este MB-X6 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Para mais informacoes, por favor consulte a seguinte URL:
http://www.compliance.sony.de/

Voor de klanten in Europa
Hierbij verklaart Sony Corporation dat het toestel MB-X6 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Nadere informatie kunt u vinden op:
http://www.compliance.sony.de/

För kunder i Europa
Härmed intygar Sony Corporation att denna MB-X6 står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
För ytterligare information gå in på följande hemsida:
http://www.compliance.sony.de/

Til europæiske kunder
Undertegnede Sony Corporation erklærer herved, at følgende udstyr MB-X6 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
For yderligere information gå ind på følgende hjemmeside: http://www.compliance.sony.de/

Asiakkaille Euroopassa
Sony Corporation vakuuttaa täten että MB-X6 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Halutessasi lisätietoja, käy osoitteessa:
http://www.compliance.sony.de/

For kunder i Europa
Sony Corporation erklærer herved at utstyret MB-X6 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
For flere detaljer, vennligst se:
http://www.compliance.sony.de/

Για τους πελάτες που διαμένουν σε χώρες της Ευρώπης
Με την παρούσα η Sony Corporation δηλώνει ότι MB-X6 συμμορφώνεται προς της ουσιώδεις απαιτήσεις και τις λοιπές σχετικές διατάξεις της οδηγίας 1999/5/ΕΚ.
Για λεπτομέρειες παρακαλούμε όπως ελέγξετε την ακόλουθη σελίδα του διαδικτύου:
http://www.compliance.sony.de/

За потребителите в Европа
С настоящето Сони Корпорация декларира, че този MB-X6 отговаря на основните изисквания и другите съответстващи клаузи на Директива 1999/5/EC.
Подробности може да намерите на Интернет страницата :
http://www.compliance.sony.de/.

Pro zákazníky v Evropě
Sony Corporation tímto prohlašuje, že tento MB-X6 je ve shode se základními požadavky a dalšími príslušnými ustanoveními smernice 1999/5/ES.
Podrobnosti lze získat na následující URL:
http://www.compliance.sony.de/

Klientidele Euroopas
Sony Corporation kinnitab käesolevaga seadme MB-X6 vastavust 1999/5/EÜ direktiivi põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
Üksikasjalikum info: http://www.compliance.sony.de/.

Európai vásárlóink figyelmébe
Alulírott, Sony Corporation nyilatkozom, hogy a(z) MB-X6 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
További információkat a következő weboldalon találhat:
http://www.compliance.sony.de/

Klientiem Eiropā
Ar šo Sony Corporation deklarē, ka MB-X6 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Plašāka informācija ir pieejama:
http://www.compliance.sony.de/

Europos klientams
Šiuo Sony Corporation deklaruoja, kad šis MB-X6 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Susipažinti su visu atitikties deklaracijos turiniu Jūs galite interneto tinklalapyje:
http://www.compliance.sony.de/

Dla klientów w Europie
Niniejszym Sony Corporation oświadcza, że MB-X6 jest zgodne z zasadniczymi wymaganiami oraz innymi stosownymi postanowieniami Dyrektywy 1999/5/WE.
Szczegółowe informacje znaleźć można pod następującym adresem URL:
http://www.compliance.sony.de/

Pentru clienții din Europa
Prin prezenta, Sony Corporation declară că acest MB-X6 respectă cerințele esențiale și este în conformitate cu prevederile Directivei 1995/5/EC.
Pentru detalii, vă rugăm accesați următoarea adresă:
http://www.compliance.sony.de/

Pre zákazníkov v Európe
Sony Corporation týmto vyhlasuje, že MB-X6 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Podrobnosti získate na nasledovnej webovej adrese:
http://www.compliance.sony.de/

Za stranke v Evropi
Sony Corporation izjavlja, da je ta MB-X6 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Za podrobnosti vas naprošamo, če pogledate na URL:
http://www.compliance.sony.de/

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Precautions

On operation

- The MB-X6 must be used within a temperature range of 0ºC to 40ºC (32ºF to 104ºF). Avoid using the unit for extended periods at extremely high temperatures or placing it in direct sunlight, especially outdoors, because this may damage the finish of the case.
  Never install the unit on or near a heat source, such as lighting equipment or power amplifiers.
- Avoid using in very humid or dusty places, because such use may shorten the life of the product.
- To avoid degradation of the signal-to-noise ratio, do not use the unit in noisy places or in locations subject to vibration, such as the following:
  – near electrical equipment, such as motors, transformers or dimmers
  – near air conditioning equipment or places subject to direct air flow from an air conditioner
  – near public address loudspeakers
  – where adjacent equipment might knock against the unit
- Switching lights on or off may produce electrical interference over the entire frequency range. Position the unit, the wireless microphones, and the transmitters so that interference is minimized.
- The tuner is precisely adjusted at the factory and no adjustment before use is necessary. Do not touch the inside of the tuner or try to repair it by yourself.

On cleaning

Clean the unit with a dry, soft cloth. Never use thinner, benzene, alcohol or any other chemicals, since these may damage the finish.

Overview

Features

The MB-X6 is a tuner base unit and is capable of accomodating up to six URX-M1 Diversity Tuner Modules included in the UWP-X1/X2 Wireless Microphone Package (not supplied) or WRU-806A/806B UHF Synthesized Tuner Units (not supplied).

Suitability for channel plan for simultaneous multichannel operation

The MB-X6 accomodates tuner units which are suitable for channel plan for simultaneous multichannel operation, without the effects of intermodulation.

Rack mounting

The MB-X6 can be mounted in an EIA standard 19-inch rack (1U size).

Note

The UWP series Wireless Microphone Packages are not compatible with WRT series transmitters, WRR series tuners, or WRU series tuner units.

Using the CD-ROM manual (for European model only)

The supplied CD-ROM includes versions of the Operating Instructions for the MB-X6 in English, French, German, Italian, and Spanish in PDF format.

Preparations

The following program must be installed on your computer in order to read the operating instruction contained on the CD-ROM.

- Adobe Reader Version 6.0 or higher

Memo

If Adobe Reader is not installed, you can download it from the following URL:
http://www.adobe.com/

Adobe and Adobe Reader are trademarks of Adobe Systems Incorporated in the United States and/or other countries.

Reading the CD-ROM manual

To read the operating instructions contained on the CD-ROM, do the following.

1 Insert the CD-ROM in your CD-ROM drive.

A cover page appears automatically in your browser. If it does not appear automatically in the browser, double-click on the index.htm file on the CD-ROM.

2 Select and click on the operation manual that you want to read.

This opens the PDF file of the operation manual.

Memo

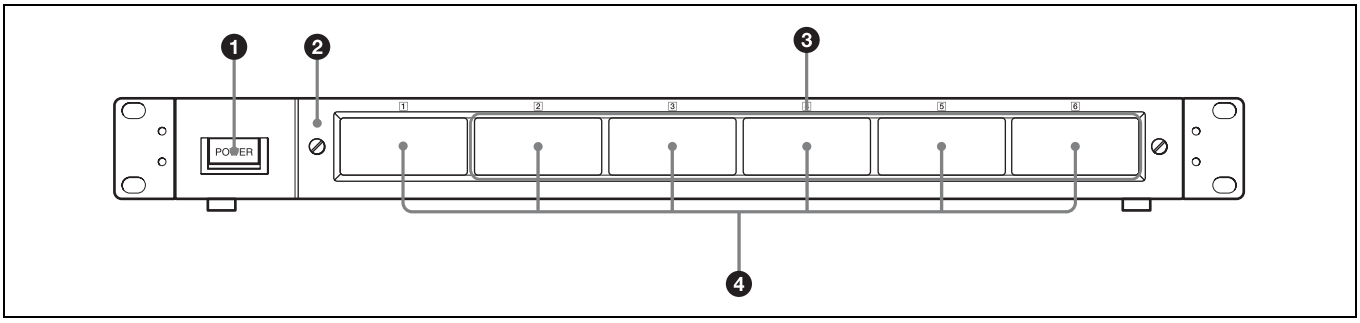
The files may not be displayed properly, depending on the version of Acrobat Reader. In such a case, install the latest version you can download from the URL mentioned in "Preparations" above.

Note

If you have lost or damaged the CD-ROM, you can purchase a new one to replace it. Contact your Sony service representative.

Location of Parts and Controls

Front panel



❶ POWER switch
Turns the power on and off.

Note

Before turning on the MB-X6, be sure to turn down the volume on the equipment connected to the MIX OUTPUT connector and the TUNER OUTPUT connectors of the MB-X6. Otherwise, noise may be produced when the power is turned on.

❷ Front cover
This cover holds the tuner units.
Remove the front cover when installing or uninstalling the tuner units.

For details, see "Installing the tuner units" on page 9.

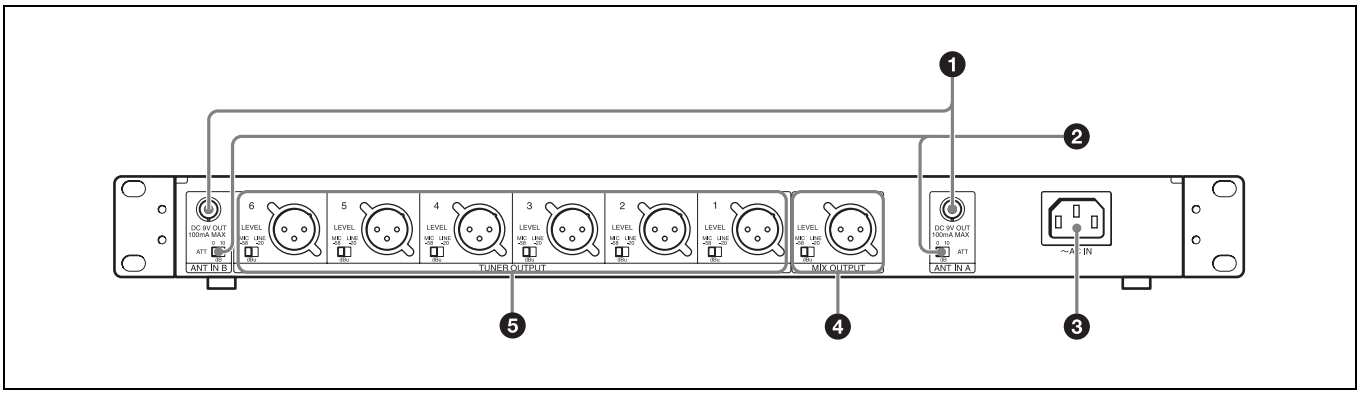
❸ Blank panels
Remove these panels to install the tuner units.

For details, see "Installing the tuner units" on page 9.

❹ Tuner slots
Each slot (1 to 6) can hold a tuner unit, up to 6 tuner umits in total.

For details, see "Installing the tuner units" on page 9.

Rear panel



❶ ANT IN A/B (antenna input A/B)/DC 9V OUT (DC power output) connectors (BNC type)

Connect the supplied antennas or optional AN-820A UHF Antennas to these connectors.
When the AN-820A is used, 9 V DC power is supplied to the antenna's internal booster through these connectors.

Note

Never short-circuit these connectors.

❷ ANT IN A/B ATT (antenna input A/B attenuation) switches

Select the RF attenuation level to 0 dB or 10 dB.
Set according to the antenna connected to the ANT IN A/B /DC 9V OUT connectors as follows:
When the supplied antennas are connected: 0 dB
When the optional AN-820A UHF Antennas are connected: 10 dB when the length of the coaxial cables (5D-2V, RG-212/U or equivalent) connecting the antennas and the MB-X6 are 30 m (100 feet) or less, or 0 dB when the cables are over 30 m (100 feet)

Note

If noise or sound dropouts occur due to interferences or intermodulation, set these switches to 10 dB.

❸ ∼ AC IN connector

Connect to an AC power source with the supplied AC power cord.

❹ MIX (mixed audio signal) OUTPUT connector (XLR-3-32 type)

The audio signals from 6 tuner units are mixed and output from this connector. Connect to the audio input connector of a mixer, amplifier or similar equipment.

MIX OUTPUT LEVEL switch

Selects the mixed output level and tuner output level to –20 dBu or –58 dBu (0 dBu=0.775 Vrms).
Set this switch according to the input level of the equipment connected to the MB-X6.

❺ TUNER (audio signal) OUTPUT connectors (XLR-3-32 type)

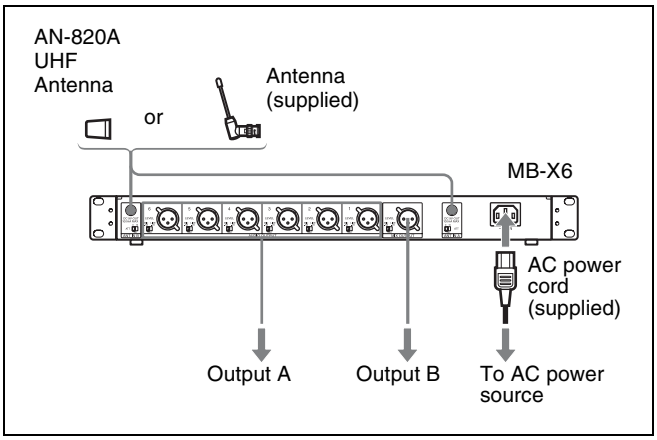
Each connector supplies the audio signal from the corresponding tuner unit. Connect each connector to the audio input connector of a mixer, amplifier, or similar equipment.

TUNER OUTPUT LEVEL switches

Selects the tuner output level to –20 dBu or –58 dBu (0 dBu=0.775 Vrms).
Set these switches according to the input level of the equipment connected to the MB-X6.

Connections

Antenna connections



Connect output A or B to a mixer or amplifier.

Notes

- Make sure to use a pair of antennas.
- Make the antenna tips point upward.

Installing the tuner units

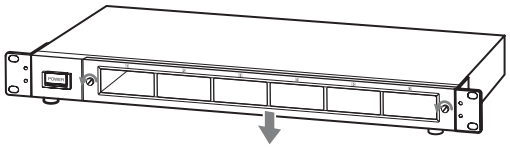
Up to six URX-M1 Diversity Tuner Modules (not supplied) included in the UWP-X1/X2 Wireless Microphone Package (not supplied) or WRU-806A/806B UHF Synthesized Tuner Units (not supplied) can be installed into the MB-X6.

Notes

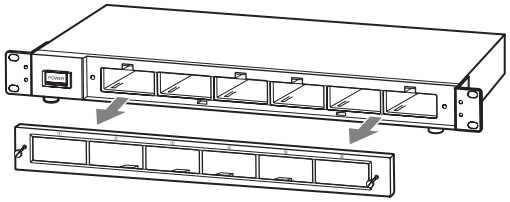
- Be sure to turn off the MB-X6 before installing the tuner units.
- Do not touch the connector on the rear panel of the tuner units.
- Be careful of static electricity when installing the tuner units.

Installation

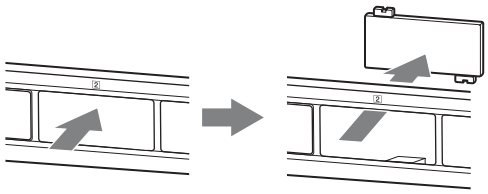
1 Loosen the screws at both sides of the front cover, then slide the front cover downward.



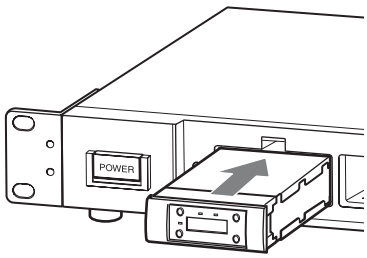
2 Hold the screws by the head and pull forward to remove the front cover.



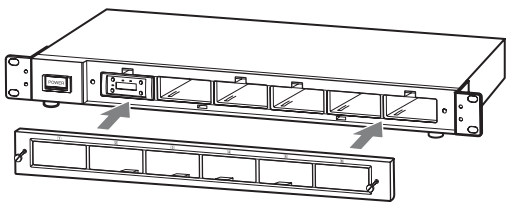
3 When installing the tuner unit into the tuner slot other than slot 1, push the corresponding blank panel from the front side of the front cover to remove it.



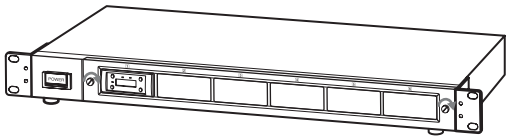
4 Insert the tuner unit into the slot until you hear a click.



5 Match the six latches with the six holes on the front panel, then replace the front cover.

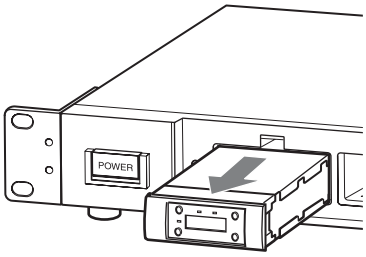


6 Tighten the screws on the front cover to secure it to the front panel of the MB-X6.



Removing the tuner units

After removing the front cover, hold the tuner unit by the top and bottom, then pull it out of the slot.

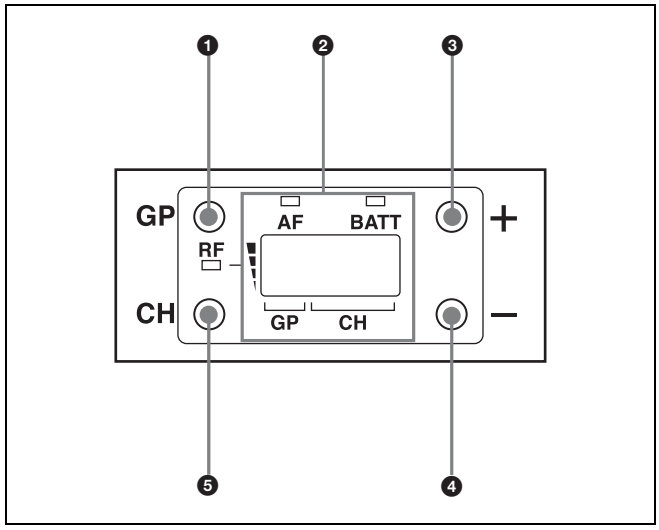


About the WRU-806A/ WRU-806B UHF Synthesized Tuner Unit

This section describes parts and controls and the channel setting procedure of the optional WRU-806A/WRU-806B UHF Synthesized Tuner Unit.

For details on parts and controls and the settings of the optional URX-M1 Diversity Tuner Module included in the UWP-X1/X2 Wireless Microphone Package, refer to the Operating Instructions supplied with the UWP-X1/X2.

Front panel



❶ GP (group) button
To change the group, press the + button or – button while holding down this button.

❷ Display
Shows the status of the tuner and the group and channel assigned to the unit.

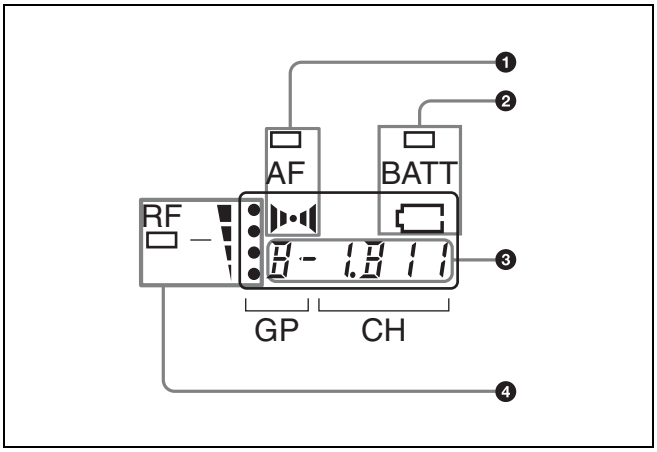
For details, see the following section "Display".

❸ + button
To select a group or channel higher than the current one, press this button while holding down the GP or CH button. Pressing this button only changes the indication on the display section from GP/CH to frequency.

❹ – button
To select a group or channel lower than the current one, press this button while holding down the GP or CH button.

❺ CH (channel) button
To change the channel within the same group, press the + button or – button while holding down this button.

Display



❶ AF (audio frequency) indicator/AF level indications
When the audio output level is higher than the reference level, this indicator lights up and the indications appear.

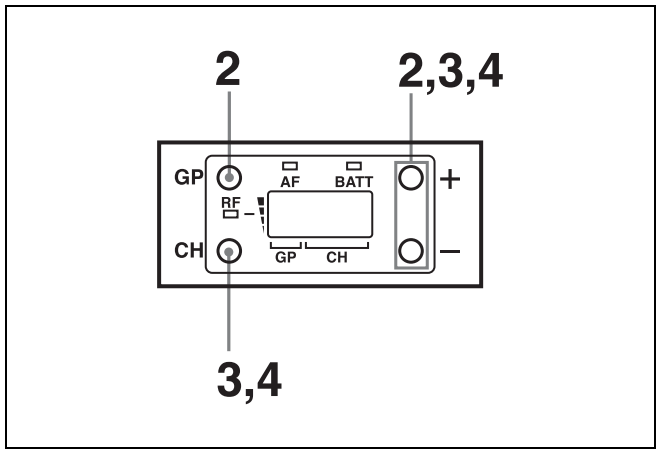
❷ BATT (battery) indicator/BATT indication
This indicator starts to flash and the indication appears and also starts flashing about one hour before the battery with alarm function used with the transmitter becomes empty. The time at which flashing begins will depend on the type of battery used with the transmitter and its condition.

❸ GP/CH (group/channel) indication
Shows the reception channel group and the channel number. Pressing the + button changes this indication to the frequency indication.

❹ RF (radio frequency) indicator/ RF level indications
When the antenna reception is optimal, this indicator lights up and the indications (dots) appear. The number of dots changes reflecting the RF input level.

Channel setting

Take the following precautions to prevent interference and noise.
- If there is a TV broadcasting station nearby, to avoid possible interference from its broadcasting, do not use that station's channel.
- When simultaneously using two or more tuners, always set the tuners to different channels within the same group (other than group 00).

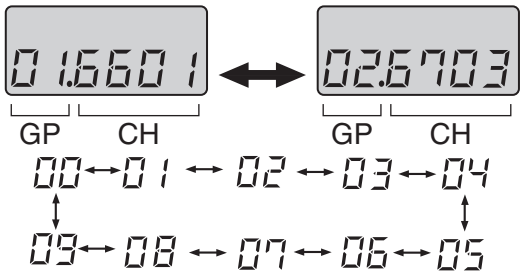


1 Press the POWER switch on the MB-X6 to turn it on.

The model version number such as "U66" appears in the display of the tuner unit, and then the setting which has been made right before the MB-X6 was turned off is displayed.

2 Press and hold down the GP button, and press the + or – button to select a group.

Each time you press the + or – button, the GP indication changes as shown in the figure below. To change the indication continuously, press and hold down the + or – button.



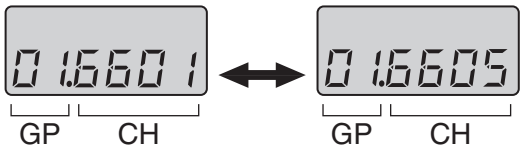
Display example: WRU-806B (U66 model)

The CH indication shows the lowest frequency channel of the selected group. For group 00, however, the channel selected last is displayed.
Releasing the buttons automatically cancels the group and channel selection mode, and the currently displayed group is selected.

3 Press and hold down the CH button, and press the + or – button within 3 seconds to select the channel.

Similar to step 2, each time you press the + or – button, the CH indication changes in the order shown in the group and reception channel list.

If you press the + button when the last channel of the selected group is displayed, the first channel of the group will be displayed.

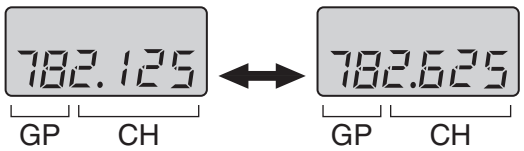


Display example: WRU-806B (U66 model)

Selecting the reception channel by frequency

Press the + button.
This changes the GP/CH indication to the frequency indication.
To select a higher frequency, press the + button while holding down the CH button. To select a lower frequency, press the – button while holding down the CH button.

Press the + button again to return to the GP/CH indication.



Display example: WRU-806B (U66 model)

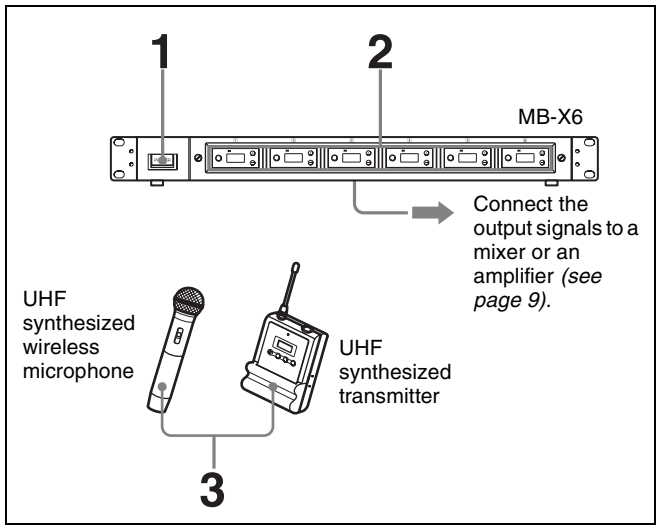
4 When the desired channel or frequency is displayed, release the CH button and + or – button.

The selected group and channel are set.

To store the selected group and channel in memory

Leave the indication for 1 second. The group and channel set in the procedure above are automatically stored in memory.

Operation



1 Press the POWER switch on the MB-X6 to turn it on.

The model version number such as “U66” appears in the display of the tuner unit, and then the setting which has been made right before the MB-X6 was turned off is displayed.

2 Set the reception channel.

3 Turn on the wireless microphone or transmitter.

Be sure that the wireless microphone or transmitter is set to the same channel as the tuner unit.

If noise is heard

Depending on the environment where the system is installed, outside noise or radio wave may disrupt the transmission of certain channels.
To select a channel under this circumstance, turn off the wireless microphone and transmitter. Then select a channel at which the RF indicator is off. (A channel free from noise or radio wave interference is selected.)
Set the same channel on the microphone or transmitter.

Note

To eliminate interference or noise, please note the following.

- Do not use two or more wireless microphones or transmitters at the same time whose channel settings are the same.
- When using two or more tuner units at the same time, be sure to set them to the different channels within the same channel group.
- Separate the reception antennas and the transmitter by more than 3 m (9 feet 11 inches).

- When operating two or more UHF wireless microphone systems using the different wireless channels within the same group, ensure that the systems are at least 100 m (330 feet) apart as far as they are installed within sight of each other.

Reception Channel Selection

Guidance on use of multichannel system

This product is designed to give excellent interference free operation in multi-channel systems. To maintain this, Sony recommends that one of the original Sony groups other than number 00 is selected.
These groups will offer excellent performance, free from mutual interference from other Sony wireless microphone transmitters in the selected group when used under the recommended operating conditions.
The remaining groups are included for compliance with frequency regulations in various countries, and will not always guarantee interference free operation.
Group 00 is used to scan for open channels, or to use only for a one channel system.

Automatic search and setting of available channels

When you use the MB-X6 Tuner Base Unit in a multichannel operation system, you can assign available channels to all tuner units by operating the tuner unit which is installed into the tuner slot 1.

Note

Automatic channel assignment function is available only when the tuner base unit holds the tuner units in the same TV channels.

1 Turn off all wireless microphones and transmitters.

2 On the tuner unit in the slot 1, select the group to be used.

3 **When the URX-M1 Diversity Tuner Module included in the UWP-X1/X2 Wireless Microphone Package (not supplied) is installed into the tuner slot 1**

After confirming that the GP indication changes from flashing to lighting up (about 10 seconds after performing step 2), press and hold down the + button on the tuner module in the slot 1.

When the WRU-806A/806B UHF Synthesized Tuner Unit (not supplied) is installed into the tuner slot 1

Press and hold down the CH button on the tuner unit in the slot 1.

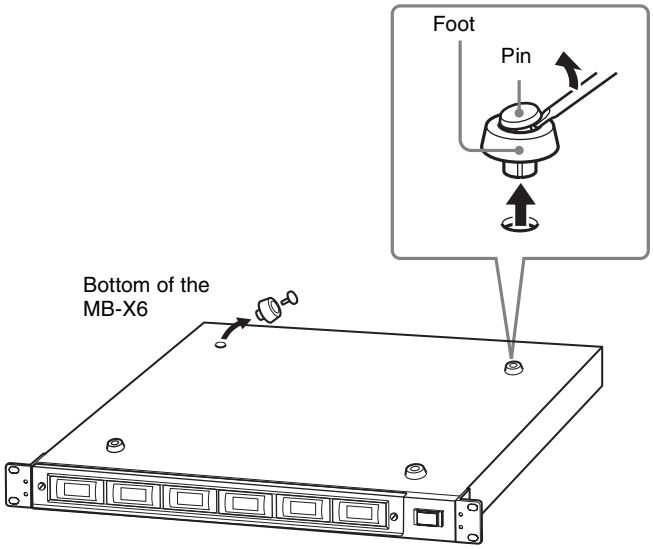
The tuner unit in the slot 1 searches for available channels in the selected group, and available channels in the group are so assigned to all tuner units automatically that all the tuner units use different channels.
After automatic setting, you can adjust the groups and channels of individual tuner units.

Notes

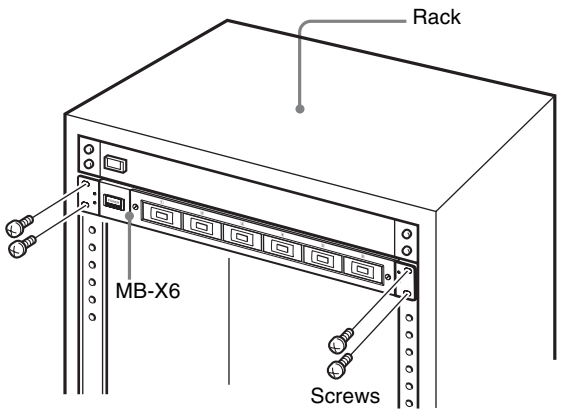
- Do not use group 00.
- When there are unavailable channels due to extraneous radio wave and the channel could not be selected on some tuner units, “NO CH” appears on the display of those tuner units. If this happens, select the channel group with no interference from extraneous radio wave, and repeat the procedure above.

Rack Mounting

1 Remove the pins inside the feet at the bottom of the MB-X6 using a small screwdriver or similar tool.



2 Mount the MB-X6 on the rack using screws that are at least 12 mm (1/2 inches) long and that match the diameter of the screw holes on the rack.



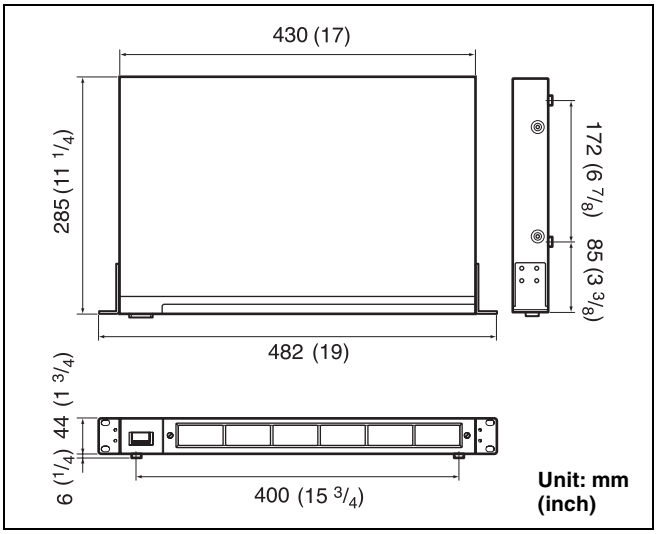
Specifications

Audio outputs (TUNER OUTPUT 1 to 6/MIX OUTPUT)

Connector type XLR-3-32 type (male)
Output impedance
47 ohms or less
Load impedance
600 ohms or more
Reference output level
–58 dBu (MIC)
–20 dBu (LINE)
Maximum output level
+16 dBu (LINE)
0 dBu=0.775 Vrms

General

Power requirements
Model for the U.S.A. and Canada: 120 V AC, 60 Hz
Model for other countries: 230 V AC, 50/60 Hz
Power consumption
30 W
Power supply for antenna boosters
9 V DC (max. 100 mA)
Operating temperature
0ºC to 40ºC (32ºF to 104ºF)
Storage temperature
–20ºC to +55ºC (–4ºF to +131ºF)
Dimensions 482 × 44 × 285 mm (19 × 1 3/4 × 11 1/4 inches) (w/h/d)



Mass Approx. 5.5 kg (12 lb 2 oz)(without tuner units)

Supplied accessories

AC power cord (1)
Antennas (2)
Operating Instructions (1)
CD-ROM (1) (European model only)

Design and specifications are subject to change without notice.

Wireless Microphone System Frequency List (for WRU-806A AU66 Model only)

In this section, the list of wireless microphone system frequencies for the AU66 model of the optional WRU-806A UHF Synthesized Tuner Unit is provided.

Note for users of the optional WRU-806B UHF Synthesized Tuner Unit
Refer to the leaflet "Wireless Microphone System Frequency List" supplied with the WRU-806B.

Note for users of the optional UWP-X1/X2 Wireless Microphone Package
Refer to the leaflet "Wireless Microphone System Frequency List" or the CD-ROM supplied with the UWP-X1/X2.

The following tables show the channels and frequencies selectable on your wireless microphone, transmitter and tuner.
The group 00 permits the unit to operate on any of 51 carrier frequencies in 125 kHz steps of TV channels 66 and 67.

Guidance on the use of a multi-channel system

When building up a multi-channel system, Sony recommends that one of the groups listed under "Groups for the tuner" is selected to avoid mutual interference from other Sony wireless microphones/transmitters.

Group for transmitter and tuner

Group 00

TV-66

CH	MHz	CH	MHz
66-01	792.250	66-27	795.500
66-02	792.375	66-28	795.625
66-03	792.500	66-29	795.750
66-04	792.625	**66-30**	**795.875**
66-05	792.750	66-31	796.000
66-06	792.875	66-32	796.125
66-07	793.000	66-33	796.250
66-08	793.125	66-34	796.375
66-09	793.250	66-35	796.500
66-10	**793.375**	66-36	796.625
66-11	793.500	66-37	796.750
66-12	793.625	66-38	796.875
66-13	793.750	66-39	797.000
66-14	793.875	**66-40**	**797.125**
66-15	794.000	66-41	797.250
66-16	794.125	66-42	797.375
66-17	794.250	66-43	797.500
66-18	794.375	66-44	797.625
66-19	794.500	66-45	797.750
66-20	**794.625**	66-46	797.875
66-21	794.750	66-47	798.000
66-22	794.875	66-48	798.125
66-23	795.000	66-49	798.250
66-24	795.125	**66-50**	**798.375**
66-25	795.250	66-51	798.500
66-26	795.375		

TV-67

CH	MHz	CH	MHz
67-01	799.250	67-27	802.500
67-02	799.375	67-28	802.625
67-03	799.500	67-29	802.750
67-04	799.625	**67-30**	**802.875**
67-05	799.750	67-31	803.000
67-06	799.875	67-32	803.125
67-07	800.000	67-33	803.250
67-08	800.125	67-34	803.375
67-09	800.250	67-35	803.500
67-10	**800.375**	67-36	803.625
67-11	800.500	67-37	803.750
67-12	800.625	67-38	803.875
67-13	800.750	67-39	804.000
67-14	800.875	**67-40**	**804.125**
67-15	801.000	67-41	804.250
67-16	801.125	67-42	804.375
67-17	801.250	67-43	804.500
67-18	801.375	67-44	804.625
67-19	801.500	67-45	804.750
67-20	**801.625**	67-46	804.875
67-21	801.750	67-47	805.000
67-22	801.875	67-48	805.125
67-23	802.000	67-49	805.250
67-24	802.125	**67-50**	**805.375**
67-25	802.250	67-51	805.500
67-26	802.375		

Group for tuner

Group 11
Grouping 12 channels.

CH	MHz
66-02	792.375
66-07	793.000
66-17	794.250
66-19	794.500
66-35	796.500
66-43	797.500
67-08	800.125
67-19	801.500
67-33	803.250
67-39	804.000
67-42	804.375
67-46	804.875

Group 12
Grouping 9 channels.

CH	MHz
67-01	799.250
67-03	799.500
67-11	800.500
67-16	801.125
67-23	802.000
67-27	802.500
67-41	804.250
67-44	804.625
67-50	805.375

Group 13
Grouping 9 channels.

CH	MHz
66-01	792.250
66-03	792.500
66-11	793.500
66-16	794.125
66-23	795.000
66-27	795.500
66-41	797.250
66-44	797.625
66-50	798.375

Group A1
Grouping 8 channels.

CH	MHz
66-02	792.375
66-04	792.625
66-12	793.625
66-24	795.125
67-02	799.375
67-29	802.750
67-35	803.500
67-44	804.625

Group A2
Grouping 6 channels.

CH	MHz
67-06	799.875
67-15	801.000
67-21	801.750
67-32	803.125
67-46	804.875
67-50	805.375

Group A3
Grouping 6 channels.

CH	MHz
66-06	792.875
66-15	794.000
66-21	794.750
66-32	796.125
66-46	797.875
66-50	798.375

Group L1
Grouping 6 channels.

CH	MHz
66-01	792.250
66-03	792.500
66-09	793.250
66-14	793.875
66-18	794.375
66-21	794.750

Group L2
Grouping 6 channels.

CH	MHz
66-02	792.375
66-04	792.625
66-10	793.375
66-15	794.000
66-19	794.500
66-22	794.875

Group M1
Grouping 6 channels.

CH	MHz
66-31	796.000
66-33	796.250
66-39	797.000
66-44	797.625
66-48	798.125
66-51	798.500

Group M2
Grouping 5 channels.

CH	MHz
66-32	796.125
66-34	796.375
66-40	797.125
66-45	797.750
66-49	798.250

Group H1
Grouping 8 channels.

CH	MHz
67-03	799.500
67-05	799.750
67-11	800.500
67-16	801.125
67-26	802.375
67-35	803.500
67-38	803.875
67-42	804.375

Group H2
Grouping 8 channels.

CH	MHz
67-06	799.875
67-08	800.125
67-12	800.625
67-22	801.875
67-25	802.250
67-33	803.250
67-40	804.125
67-45	804.750

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